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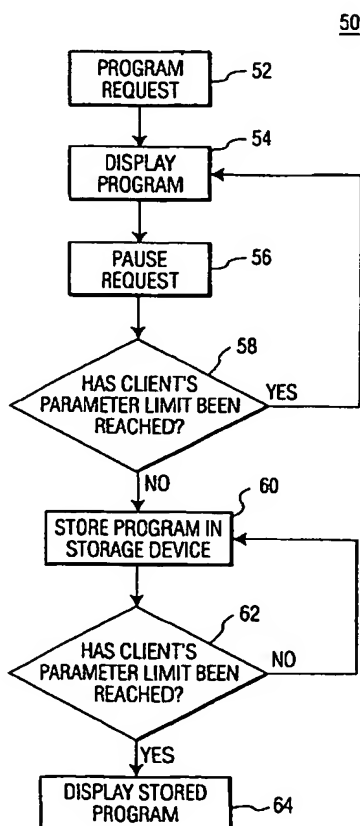
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[Continued on next page]

(54) Title: A METHOD AND SYSTEM FOR MEMORY PVR FUNCTIONS IN A BROADCAST ENVIRONMENT



(57) Abstract: A method and system for providing personal video recording ("PVR") functions to a client viewing a broadcast program in a multi-client network (10). To provide the PVR functions, predetermined storage limits are allocated for each client in a storage device (32) on the network (10). Each client is permitted to execute the PVR functions if the client's stored broadcast programming has not reached the client's predetermined storage limit. Otherwise, the client is only permitted to view the broadcast program in real time or the stored broadcast program. A client may clear space in the client's allocated portion of the storage device by fast-forwarding through stored broadcast programming.



SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27989

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : H04N 5/91  
US CL : 386/68

According to International Patent Classification (IPC) as well as both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 386/68, 725/92, 725/88, 725/102

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	US 2004/0006698 A1 (Apfelbaum) 08 January 2004 (08.01.2004) Figures 2, 4, 5, 6, 7; Paragraphs 0023-0029 and Paragraphs 0049-0052	1,2,3,4,7,8,9,10
A,P	US 6,598,228 B2 (Hejna, Jr) 22 July 2003 (22.07.2003), Figure 1 and 2; Column 4 Lines 33+ and Column 5 Lines 1-25	1,2,7,8
A	WO 98/48566 A2 (Mankovitz) 29 October 1998 (29.10.1998) Page 7 Lines 29+ and Page 8 Lines 1-26	1 and 2
A,E	US 6,642,939 B1 (Vallone et al) 04 November 2003 (04.11.2003), Figures 26 and 27, Column 20 Lines 23-32	5,6,11,12
A	US 5,974,217 A (Haraguchi) 26 October 1999 (26.10.1999), Figure 1, 6, 8, Column 9 Lines 50-62	12, 7, 8



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

30 April 2004 (30.04.2004)

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24 MAY 2004

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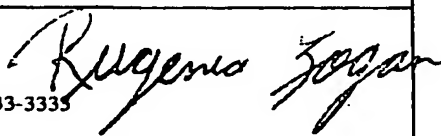
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**INTERNATIONAL SEARCH REPORT**

PCT/US03/27989

**Continuation of B. FIELDS SEARCHED Item 3:**

USPAT, EPO, JPO, USPGPUB

search terms: predetermined storage limits, DVR, storage limits, pause, client, multi-client network